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In a color cathode ray tube in which a shadow mask and an inner magnetic shield are supported by a mask frame and an electron shield is provided in the mask frame, at least a part of the electron shield is made to have a smaller anhysteretic magnetic permeability than the shadow mask, the mask frame and the inner magnetic shield when an applied magnetic field is 800 A/m (10 Oe). Since the magnetic resistance of the electron shield increases, it is possible to reduce a leakage magnetic field from a tube—axis—side edge of the electron shield. Thus, a color cathode ray tube that reduces mis—landing due to a terrestrial magnetism and has no color displacement can be provided.